

# DEEPAK HEGDE

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## CURRENT AFFILIATIONS

New York University, Stern School of Business  
Assistant Professor of Management and Organizations, July 2010 – Present

United States Patent and Trademark Office  
Thomas Alva Edison Research Fellow, 2014-2015; Visiting Scholar, May 2011 – Present

George Mason University School of Law, Center for the Protection of Intellectual Property  
Thomas Edison Innovation Fellow, 2014-2015

CESifo Research Network, University of Munich  
Affiliate, August 2013 – Present

## PAST AFFILIATIONS

Ifo Institute at the University of Munich. Visiting Scholar, June 2013  
Abt Associates, Cambridge, MA. Intern, 2004  
Robert Bosch, Stuttgart and Bangalore. Software Engineer, 1999 – 2002

## EDUCATION

University of California, Berkeley  
Doctor of Philosophy, 2010 (Thesis committee: David Mowery, Bronwyn Hall, Steve Tadelis, Catherine Wolfram and Brian Wright)

University of California, Berkeley  
Master of Science in Business Administration, 2008

Georgia Institute of Technology, Atlanta  
Master of Science in Public Policy, 2005 (Major GPA 4.0/4.0)

The National Institute of Engineering, Mysore, India  
Bachelor of Industrial Engineering, 2000 (with Distinction)

## AWARDS & HONORS

G-Forum Entrepreneurship Research New Comer Award, 2014 (with coauthor)  
Thomas Edison Innovation Fellowship, George Mason University School of Law, 2014-2015

Academy of Management, Technology and Innovation Management Division, Emerging Scholar Award First Runner Up, 2014  
Thomas Alva Edison Research Fellow, US Patent and Trademark Office, 2014-2015  
Kauffman Foundation Junior Faculty Fellow, 2012-2013  
*Management Science* Meritorious Referee Award, 2013  
Finalist, International Society for New Institutional Economics Dissertation Competition, 2010  
Kauffman Dissertation Fellow, 2009  
Regents Fellow, Sasakawa Young Leader, Bradley Fellow (UC Berkeley), 2005-10  
International House Graduate Fellow, 2005-06  
Outstanding Student (School of Public Policy, Georgia Tech), 2004  
Statistics Guru (The Student Body of Ivan Allen College, Georgia Tech), 2003  
1st prize in Technical Quiz (Society of Industrial & Production Engineers), 1998

### **PUBLICATIONS (INCLUDES ACCEPTED & FORTHCOMING)**

- [1] Disclosing patents' secrets (with Stuart Graham)  
*Science*, 347(6219) p.236-237, 16 Jan 2015
- [2] Can private money buy public science? Disease lobbying and federal funding for biomedical research (with Bhaven Sampat)  
*Management Science*, accepted (July 2014) (featured in *Nature* 515(19), Nov 2014)
- [3] What is the probability of receiving a US patent? (with Michael Carley and Alan Marco)  
*Yale Journal of Law & Technology*, Volume 17, Winter 2014
- [4] An organizational perspective on patenting and open innovation (with Ajay Bhaskarabhatla)  
*Organization Science*, 25(6) p.1744-1763, Nov 2014
- [5] Does social proximity enhance business relationships? Theory and evidence from ethnicity's role in US venture capital (with Justin Tumlinson)  
*Management Science*, 60(9) p.2355-2380, Oct 2014
- [6] Tacit knowledge and the structure of patent licenses: evidence from the biomedical industry  
*Journal of Economics & Management Strategy*, 23(3), Fall 2014
- [7] Funding and performance at the US Patent and Trademark Office  
*Nature Biotechnology*, 30(2) p.148-150, Feb 2012
- [8] Political influence behind the veil of peer review: an analysis of public biomedical research funding in the U.S.  
*Journal of Law & Economics*, 52(4) p.665-690, Nov 2009
- [9] Applicant citations, examiner citations, and the private value of patents (with Bhaven Sampat)  
*Economics Letters*, 5(3) p.287-289, 2009
- [10] Pioneering inventors or thicket-builders: which firms use continuations in patenting? (with David Mowery & Stuart Graham)  
*Management Science*, 55(7) p.1214-1226, Jul 2009

- [11] Politics and funding in the US public biomedical R&D system (with David Mowery)  
*Science*, 322(5909) p.1797-98, Dec 2008
- [12] Maturation of global corporate R&D: evidence from the activity of U.S. foreign subsidiaries (with Diana Hicks)  
*Research Policy*, 37(3) p.390-406, Apr 2008
- [13] Knowledge, technology trajectories and innovation in a developing country context: evidence from a survey of Malaysian firms (with Philip Shapira)  
*International Journal of Technology Management*, 40(4) p.349-370, Dec 2007
- [14] Public and private universities: Unequal sources of regional innovation?  
*Economic Development Quarterly*, 19(4) p.373-386, Nov 2005
- [15] Highly innovative small firms in the markets for technology (with Diana Hicks)  
*Research Policy*, 34(5) p.703-716, Jun 2005

## WORKING PAPERS

- [16] Patent publication and the market for ideas (with Hong Luo), latest version:  
<http://ssrn.com/abstract=2293225> (R&R at *Management Science*)
- [17] Personal bankruptcy and innovation (with Geraldo Cerqueiro, Fabiana Penas and Robert Seamans), latest version: <http://ssrn.com/abstract=2246982> (R&R at *Management Science*)
- [18] Who values secrecy in patenting? Evidence from the American Inventor's Protection Act of 1999 (with Stuart Graham), latest version: <http://ssrn.com/abstract=2170555>
- [19] Unobserved ability and entrepreneurship (with Justin Tumlinson), Available on request
- [20] Patent disclosure (with Kyle Herkenhoff), Available on request
- [21] What determines US patent allowance? (with Michael Carley and Alan Marco) , Available on request

## WORK IN PROGRESS

- [22] Patent quality and examiner incentives
- [23] Peer review, politics and productivity in US Biomedical R&D (with Bhaven Sampat)
- [24] Patent disclosure and knowledge spillovers (with Hong Luo)
- [25] Procrastination (with Bhaven Sampat)
- [26] Family businesses and innovation (with Belen Villalonga)

[27] Inventor mobility and innovation (with Ajay Bhaskarabhatla)

[28] Corporate culture and innovation (with Claudine Gartenberg)

[29] Patent rights and venture capital (with Joan Farre Mensa and Alexander Ljungqvist)

## **PRESENTATIONS**

2015 (includes planned): Tata Consultancy Services (Bangalore), University of Maryland – Smith School of Business, Universidad de Piura – Economics Department (Lima), Hoover IP2 Conference (Stanford University), Yale Law School

2014 (includes scheduled): Indian Institute of Management (Bangalore), Georgia Institute of Technology (Scheller School of Business), 10th Smith Entrepreneurship Research Conference (University of Maryland), Entrepreneurship and Innovation Research Workshop (NYU-Stern) SRF Conference (Santa Fe), Academy of Management (Philadelphia), U.S. Patent and Trademark Office (Chief Economist's Office), University of California, Berkeley (Fall Innovation Seminar), Kauffman Emerging Scholars Conference (Kansas City), University of California, Los Angeles (Anderson School of Management), National Bureau of Economics Research Winter Meeting (Entrepreneurship Group), U.S. Patent and Trademark Office (Webinar)

2013: University of California, Berkeley (Spring Innovation Seminar), Utah-BYU Winter Strategy Conference, 2013 Wharton Technology and Innovation Conference, Atlanta Competitive Advantage Conference, University of Oregon (Causal Inference Seminar, via Skype), Sixth Annual Conference on Innovation and Entrepreneurship, Northwestern University School of Law, 10th Annual International Industrial Organization Conference (Boston), Ludwig Maximilian University of Munich, 5th ZEW/MaCCI Conference on the Economics of Innovation and Patenting (Mannheim), Fourth Workshop for Junior Researchers on the Law & Economics of Intellectual Property and Competition Law (Munich), Ludwig Maximilians Universität – Microeconomics and Management Seminar (Munich), Erasmus School of Economics (Rotterdam), National Bureau of Economics Research Summer Meeting (Intellectual Property and Innovation Group), Academy of Management Meetings (Orlando, Florida), UK Intellectual Property Office – Patent Use Conference (London), Rutgers Business School (Newark, NJ), 4th HEC Workshop on Entrepreneurship (Paris), New York University (Stern Management Department Seminar, Fall)

2012: Duke University (Economics of Innovation Seminar), Ohio State University (Glen School of Public Affairs), Georgia Tech (School of Public Policy), New York University (Stern Management Department Seminar, Spring), Indian Institute of Management (Ahmedabad), Indian Institute of Management (Bangalore), New York University (Stern Economics of Strategy workshop), Academy of Management meetings (Boston), New York University (Wagner School of Public Affairs), Harvard Business School (Strategy Unit), University of Michigan, Ann Arbor (Ross School of Business), Roundtable on Engineering Entrepreneurship Research (Georgia Tech), The 5th Israel Strategy Conference (Tel Aviv), Columbia Business School 3rd Annual Strategy Conference (New York)

2011: University of California, Berkeley (Spring and Fall Innovation Seminars), NYU-Stern Management Department Seminar (Spring, Summer and Fall) NYU-Poly, National Bureau of Economics Research Summer Institute (IPE Group), The Strategy Research Initiative Workshop

(Annapolis), Columbia University (Mailman School of Public Health), NYU(Department of Politics), Harvard University (Science-Based Business Initiative Seminar Series), Duke University (Fuqua Strategy Seminar), Harvard Business School (Institutions and Innovation Conference), National Bureau of Economics Research Winter Meeting (Entrepreneurship Group)

2010: Stern School of Business (New York University), Wharton School (University of Pennsylvania), Goizueta School of Management (Emory University), Rotman School of Management(University of Toronto), Sauder School of Business(University of British Columbia), School of Public Policy (George Mason University)

2009: Carey School (Johns Hopkins University), Copenhagen Business School, School of Management (Boston University), National Bureau of Economics Research (Productivity Seminar Series)

2008: Roundtable on Engineering Entrepreneurship Research (Georgia Tech)

2005: American Association for the Advancement of Science: Conference-3, (Washington D.C.)

## **SELECTED WORKSHOPS**

Strategy Junior Faculty Summer Camp, Tuck School of Business at Dartmouth. July 22-24 2013  
Hanover, NH

Workshop for Junior Researchers on the Law & Economics of Intellectual Property and Competition Law, International Max Planck Research School for Competition and Innovation and the Center for Law & Economics at ETH Zurich. June 10-12 2013. Munich, Germany

Commercializing Technology through the Power of IP. Licensing Executives Society. October 18, 2009 San Francisco, CA

Entrepreneurship Research Boot Camp. National Bureau of Economics Research. July 21-25 2009  
Boston, MA

One Week Intensive PhD Seminar in Entrepreneurship. Ewing Marion Kauffman Foundation. June 23-27 2008. Cleveland, OH

## **TEACHING**

Competitive Strategy. Langone MBA program. NYU-Stern; August 2010 –present (latest teaching rating: 6.7/7)

Corporate Strategy. Langone MBA program. NYU-Stern; September 2011-present (latest teaching rating: 6.6/7)

## **GRANTS**

United States Patent and Trademark Office, 2014-2015, \$108,503.7

United States Patent and Trademark Office, 2012-2013, \$58,000  
United States Patent and Trademark Office, 2011, \$15,000  
Kauffman Foundation Junior Faculty Fellow Award, 2012-2013, \$40,000  
Kauffman Foundation Grant #20110112, 2011, \$8,145  
National Bureau of Economic Research, Entrepreneurship Working Group Travel Grant, Summer 2008, \$1,000  
Institute of Business and Economic Research dissertation grant, 2009, \$1,500

## **ACADEMIC SERVICE**

### Editorial and Refereeing

- Guest Associate Editor, *Management Science*
- Invited to referee paper manuscripts for *Management Science*, *Review of Economics and Statistics*, *Organization Science*, *Journal of Law & Economics*, *Strategic Management Journal*, *Journal of Economics and Management Strategy*, *Research Policy*, *Industrial and Corporate Change*, *Journal of Technology Transfer*, *Minerva*, *Journal of Law, Economics and Organization*, *International Journal of Industrial Organization*, *IEEE Transactions on Engineering Management*, *Journal of the European Economic Association*, *Scientometrics*, *Labour Economics*, *California Management Review*, *Public Finance Review*, *Public Choice*, *Economic Inquiry*
- Invited to referee grant proposals for *National Science Foundation* and *Kauffman Foundation*
- Invited to referee book proposals for *Stanford University Press*

### Student Mentorship and Supervision

- PhD Supervision: Jin-Hyun Bae (dissertation committee member), Junghyun Suh (dissertation defense committee member)
- Undergraduate Supervision: Khushali Upadhyay (Advisor, Honors Thesis)
- Mentor for Kauffman dissertation award recipients at the Kauffman Entrepreneurship Mentoring Workshop, January 6-7, 2013. Sand Diego, CA

### Conference and Seminar Organization

- Organized NYU-Stern Economics of Strategy Conference (July 2012)
- Faculty Discussant, Columbia-Stern PhD Student Conference (2013, 2014)
- Organized presenters' session on intellectual property at AOM (2014)
- Organizer, Professional Development Workshop on Patents at AOM (2015)
- Organizer, NYU-Stern Innovation Research Initiative (2014-)

### External and Internal Committees

- Academy of Management – Technology, Innovation and Management Best Paper Awards Committee (2014)
- NYU-Stern Management Department Research Committee (2014-2015)

## **MEDIA COVERAGE**

Research featured in outlets such as *Nature*, *NPR Marketplace*, *Wall Street Journal*, *Chronicle of Higher Education*, *USNews*, *Inc. Magazine*, *ArsTechnica*, *Outlook India*, *Dawn*, *Harvard Business Review*, *Frankfurter Allgemeine Zeitung* and others

## **REFERENCES**

Available on request

## **PERSONAL**

Born: 05 November 1977

Indian Citizen, U.S. Permanent Resident

Marital Status: married to Aparna Hegde née Padmanabhan

Languages: English, Kannada (Native), Hindi (Conversational), Sanskrit (Basic), German (Basic)